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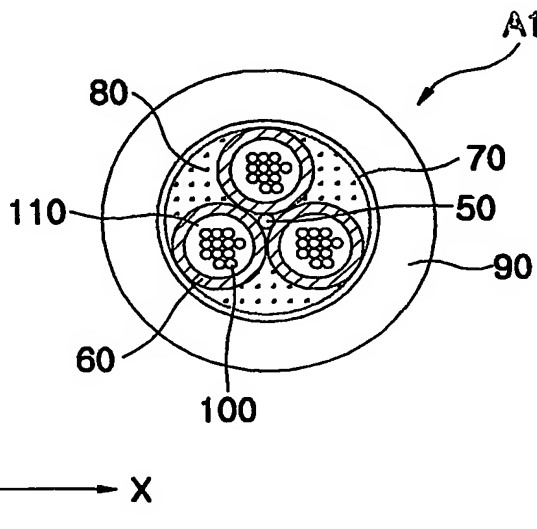
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(54) Title: LOOSE TUBE OPTICAL CABLE



(57) Abstract: Disclosed is a loose tube optical cable, which includes at most four cable aggregation units longitudinally twisted in contact with a central tensile member and having a loose tube optical fiber unit or inclusion, a cable coating for longitudinally surrounding a cable core aggregation having the central tensile member and the cable aggregation units, and one selected from the group consisting of a fibered tension-reinforcing member for surrounding the cable core aggregation, a wired tension-reinforcing member and a ring-shaped tension-reinforcing member formed in the cable coating. This loose tube optical cable has a compact structure by excluding unnecessary inclusion, thereby decreasing the outer diameter and the weight thereof. In addition, since the central tensile member and the tension-reinforcing member are not twisted with the cable aggregation units, tensile stress may be minimized in the optical cable.

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